

SYSTEM ARCHITECTURE FOR REMOTE ACCESS AND CONTROL OF ENVIRONMENTAL MANAGEMENT

Abstract of the Disclosure

5 A fault tolerant system by which individual components of a server are
monitored and controlled through independent, programmable microcontrollers
interconnected through a microcontroller network. An external agent can control and
monitor the microcontrollers by extending the interconnection network beyond the
10 physical server. The extension to the interconnection network converts protocols
between media, and directs the microcontrollers and the state managed by the
microcontrollers. Intervention of the server operating system software is not required
and is not utilized for the access and control operations. A remote interface board
provides the interface between the microcontroller network and an external modem
15 that communicates with a remote client computer. The remote interface board also
provides for connection to a local client computer.

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